

801 p. 22

FIG. 1

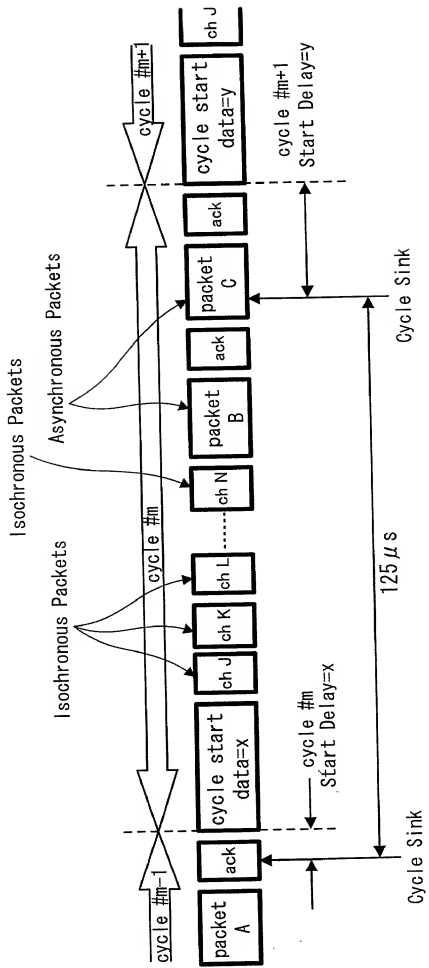


FIG. 2

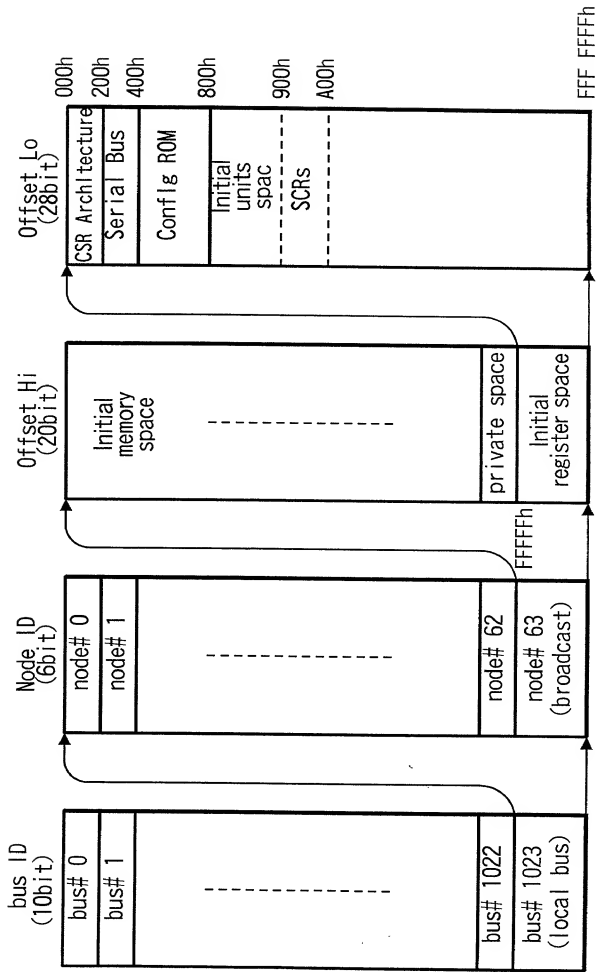


FIG. 3

Offset	Designation	Function
000h	STATE_CLEAR	State and control data
004h	STATE_SET	Set state_clear bit
008h	NODE_IDS	Indicate node ID of 16 bits
00Ch	RESET_START	Start command reset
018h-01Ch	SPLIT_TIMEOUT	Specify maximum time of split
200h	CYCLE_TIME	Cycle time
210h	BUSY_TIMEOUT	Specify limit on retry
21Ch	BUS_MANAGER	Indicate ID of bus manager
220h	BANDWIDTH_AVAILABLE	Indicate band that can be assigned to isochronous communication
224h-228h	CHANNELS_AVAILABLE	Indicate the state where the channels are used

FIG. 4

Info_length	info_length	crc_length	rom_crc_value
	bus_info_block		
	root_directory		
	unit_directories		
	root & unit leaves		

FIG. 6

900h	Output Master Plug Register
904h	Output Plug Control Register #0
	Output Plug Control Register #1
⋮	⋮
97Ch	Output Plug Control Register #30
980h	Input Master Plug Register
984h	Input Plug Control Register #0
988h	Input Plug Control Register #1
⋮	⋮
9FCh	Input Plug Control Register #30

FIG. 7A

oMPR

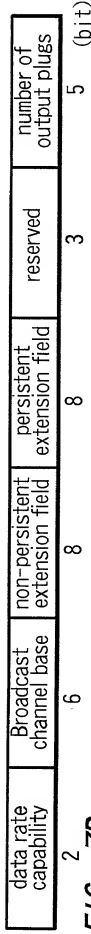


FIG. 7B

oPCR [n]

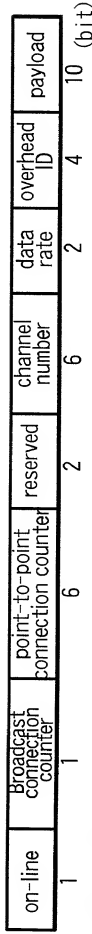


FIG. 7C

iMPR

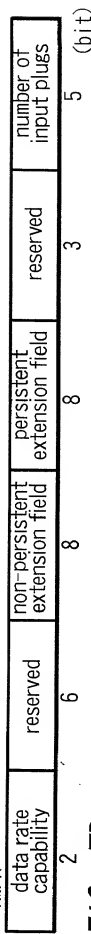


FIG. 7D

iPCR [n]

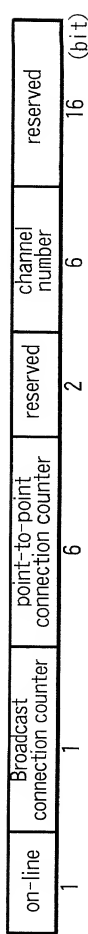


FIG. 8

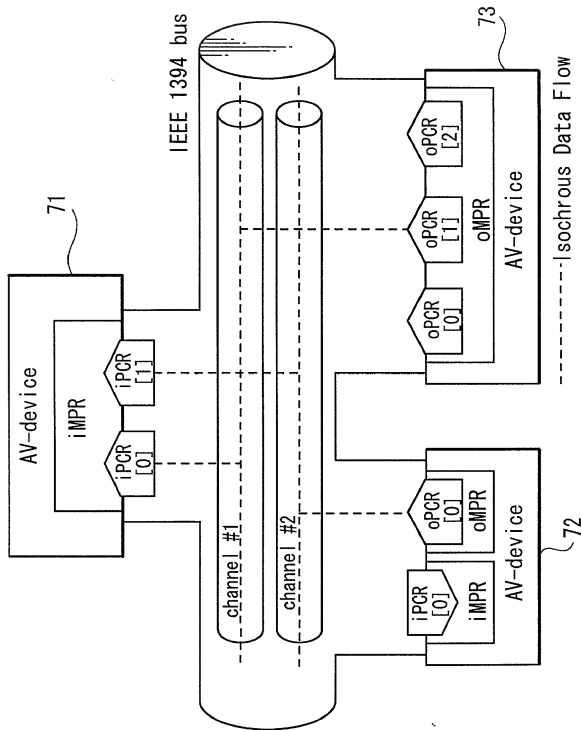


FIG. 10

The General Subunit Identifier Descriptor	
address	contents
00 00 ₁₆	descriptor__length
00 01 ₁₆	
00 02 ₁₆	generation__ID
00 03 ₁₆	size__of__list__ID
00 04 ₁₆	size__of__object__ID
00 05 ₁₆	size__of__object__position
00 06 ₁₆	number__of__root__object__lists(n)
00 07 ₁₆	
00 08 ₁₆	root__object__list__id__0
:	
:	:
:	root__object__list__id__n-1
:	
:	subunit__dependent__length
:	
:	subunit__dependent__information
:	
:	manufacturer__dependent__length
:	
:	manufacturer__dependent__information
:	
:	

FIG. 11

generation_ID values	
generation_ID	meaning
00 ₁₆	Data structures and command sets as specified in the AV/C General Specification, version 3.0
all others	reserved for future specification

FIG. 12

List ID Value Assignment Ranges	
range of values	list definition
0000 ₁₆ -0FFF ₁₆	reserved
1000 ₁₆ -3FFF ₁₆	subunit-type dependent
4000 ₁₆ -FFFF ₁₆	reserved
1 000 ₁₆ -max list ID value	subunit-type dependent

FIG. 13

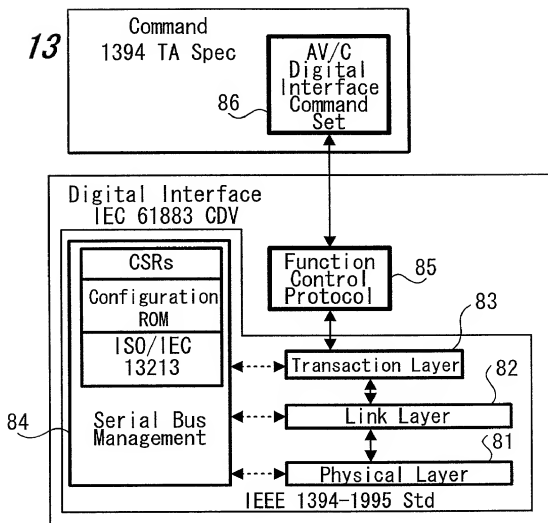


FIG. 14

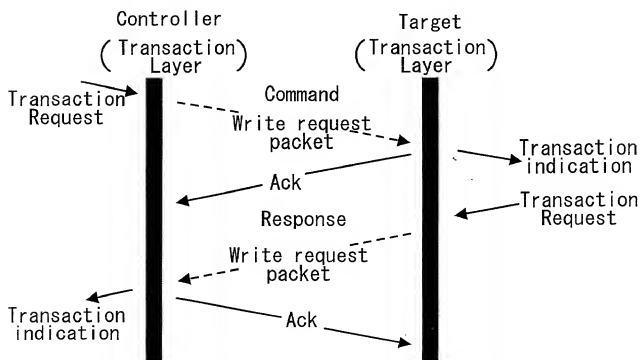


FIG. 15

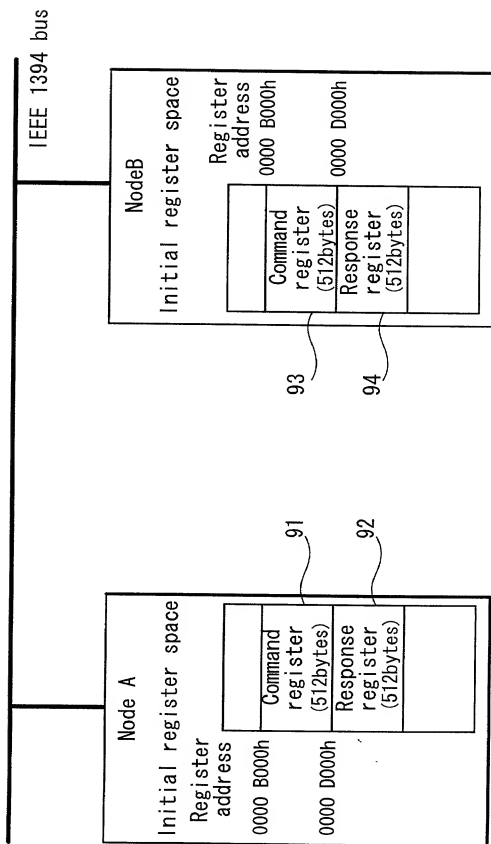
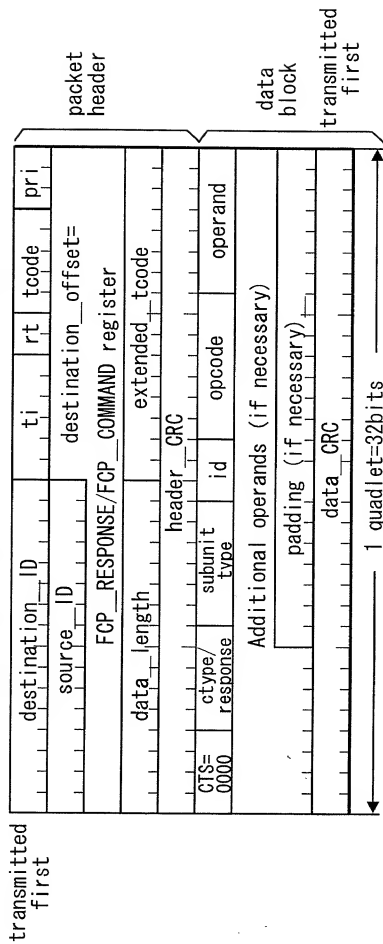


FIG. 16

Asynchronous Packet (Write Request for Data Block)



ctype/response

Command	0000	CONTROL STATUS
	0001	SPECIFIC INQUIRY
	0010	NOTIFY
	0100	GENERAL INQUIRY
	0101	(reserved for future specification)
Response	0111	NOT IMPLEMENTED
	1000	ACCEPTED
	1001	REJECTED
	1010	IN TRANSITION
	1100	IMPLEMENTED/STABLE
	1101	CHANGED
	1110	(reserved for future specification)
	1111	INTERIM

FIG. 17A

subunit_type

00000	Video monitor (reserved)
00000	Disc recorder/Player
00100	Tape recorder/Player
00101	Tuner
00111	Video Camera (reserved)
11100	Vendor unique (reserved)
11101	Subunit type extended to next byte
11110	Unit*

FIG. 17B

opcode: Operation Code

00h	VENDOR-DEPENDENT
50h	SEARCH MODE
51h	TIMECODE
52h	ATN
60h	OPEN MIC
61h	READ MIC
62h	WRITE MIC
C1h	LOAD MEDIUM
C2h	RECORD
C3h	PLAY
C4h	WIND
?	?

FIG. 17C

tape recorder when

AV/C control	control	ID 0	PLAY	FORWARD
CTS=0000	ctype=0000	subunit type=00100	id=000 opcode=C3h	operand=75h

FIG. 18A

tape recorder when

AV/C accepted	accepted	ID 0	PLAY	FORWARD
CTS=0000	response=1001	subunit type=00100	id=000 opcode=C3h	operand=75h

FIG. 18B

FIG. 19

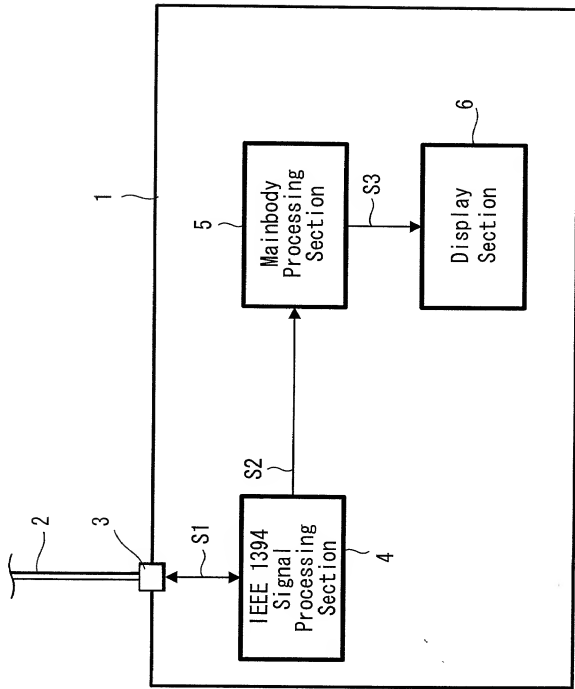


FIG. 20

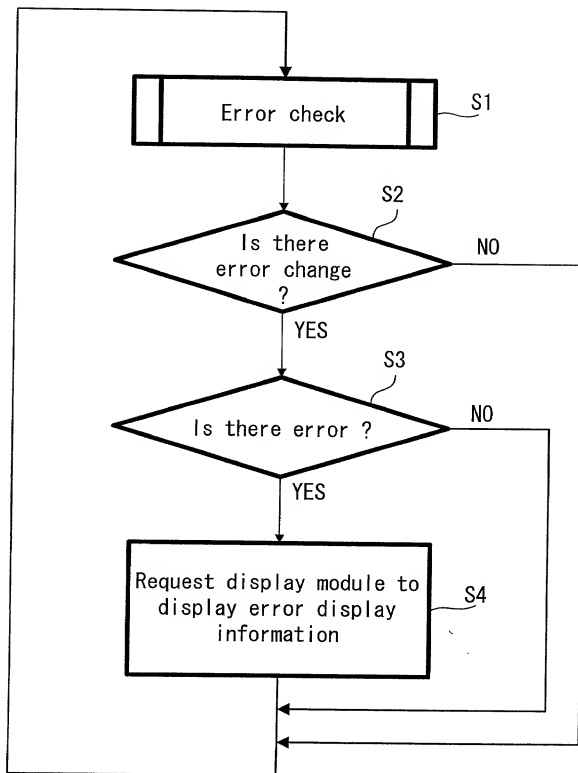


FIG. 21

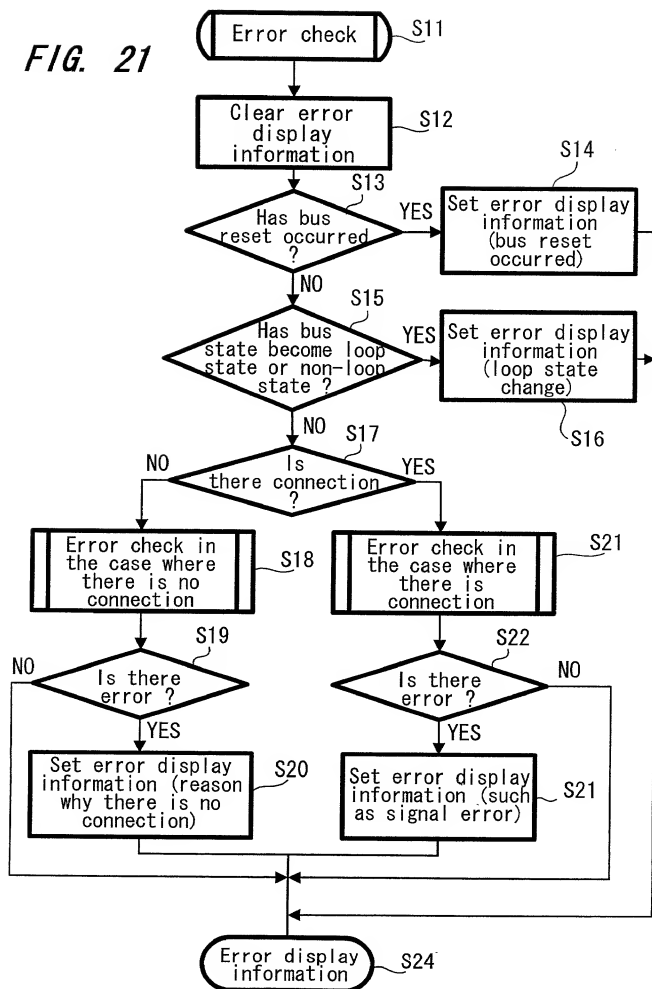


FIG. 22

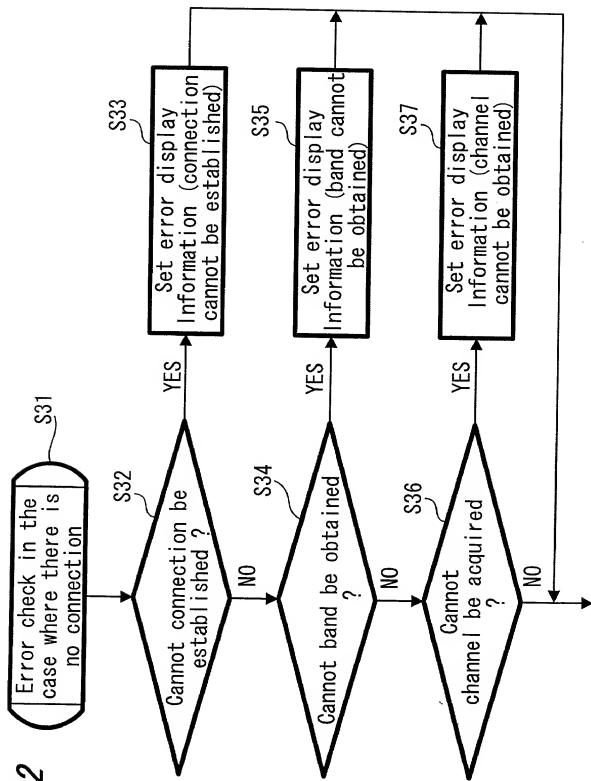
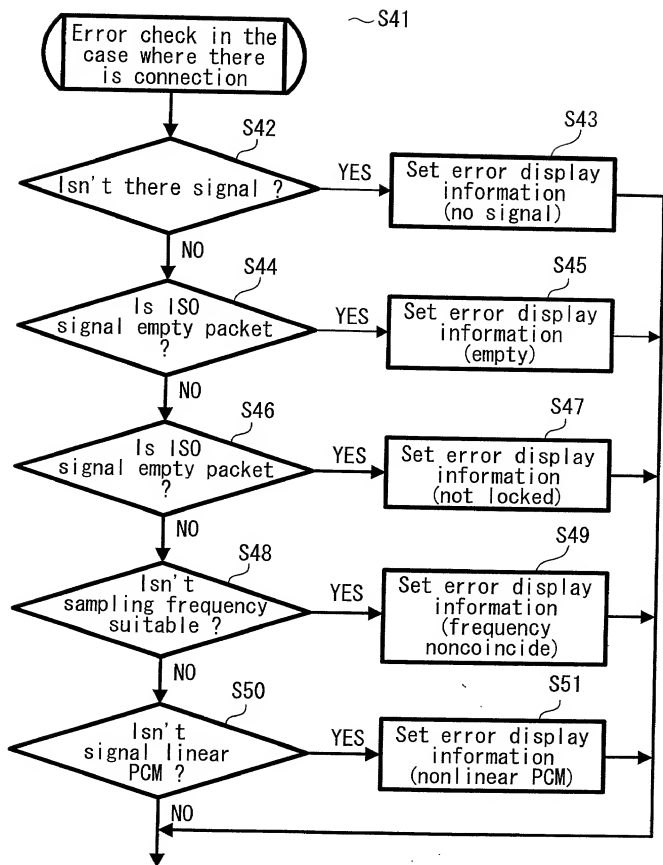


FIG. 23



Error code number (example)	Display message
C78:11 (At the time of device selection)	The selected is conduction 63 Lines and it cannot come with more Lines
C78:12 (TUNER, ANALOG)	SIR has 63 formed Links and it cannot have more Links
C78:22, 22	The case where a different format (signal where cannot be reproduced) it detected
C78:22, 23	
C78:22, 25	
C78:22, 26	
C78:31	The case where the signal clock is out of standard values and the clock is not established
C78:04	The case where there are not input signals at all during selection of a connection device
C78:15, 13	Since bus is full of signals output or input cannot be conducted
C78:15, 14	
C78:15, 15	
C78:15, 33	
C78:03	Loop has been formed by cable connection
C78:00	Bus reset has occurred (for example in the case where new device is connected)
C60:01	Temperature within the device is rising
C60:08	Speaker terminal is short-circuited
C60:13	Selected device is not connected

12	Connection failure of output plug of opposite device side
31	Connection failure of its own input
22	The format is not IEC958 format
23	Discrepancy between N bits (asynchronous) and rate control protocol
25	The sampling frequency is not suitable
26	The signal is not linear PCM
24	The signal is unlocked
21	There are no signal
13	Band is deficient at the time of input
14	Channel is fully occupied time of output
15	Band is deficient at the time of output
33	Channel is fully occupied time of output

FIG. 25

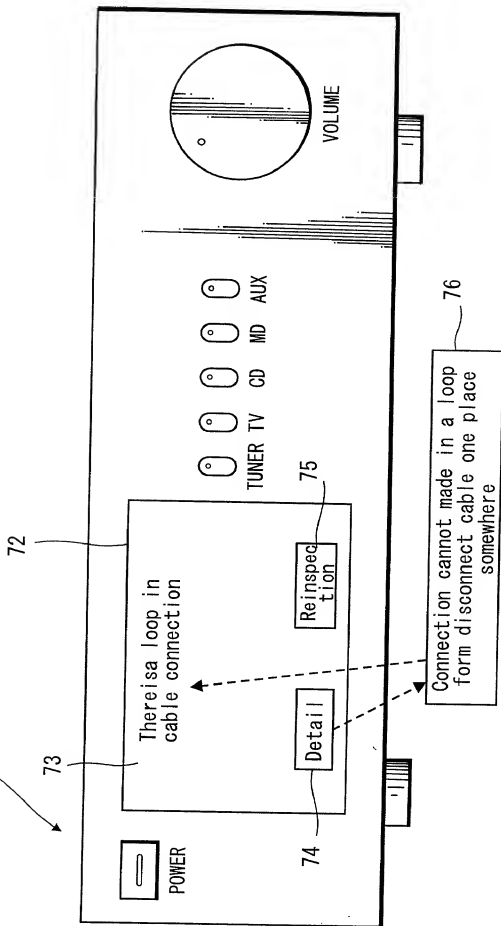


FIG. 26

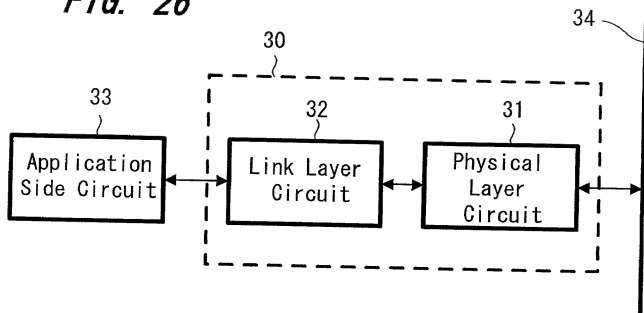


FIG. 27

